

## **Product datasheet for MR224091**

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OriGene Technologies, Inc.

### 0610010K14Rik (NM\_001177606) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** 0610010K14Rik (NM\_001177606) Mouse Tagged ORF Clone

Tag: Myc-DDK

**Symbol:** 0610010K14Rik

**Synonyms:** 1110020A23Rik; AL033328; AU045833; Bap18

**Vector:** pCMV6-Entry (PS100001)

**E. coli Selection:** Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >MR224091 representing NM\_001177606
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGACGTCAGCGTCCACCAAGGTTGGAGAGATCTTCTCCGCGGCCGCCGCCGCCTTCACGAAGCTCGGGGAGTTGACGATGCAGCTGCAGTCTCGGACTCTTCCCCTGCCGGGGCTCAGATAAAGACCACTGTGAAGCGAAAAGTGTATGAAGACTCCGGCATCCCCCTTCCAGCTGAGTCACCCAAGAAAGGACCCAAGAAGATGACGTCCGGTGTCCTCTCACCTCCAAACGCCCCTCCACCCAGCAGCTCCCTGAAGCTGGGGTTCCTCCCATAAAGAAACAGAAGGCTGACAGCCTGACCCTGGACTCTGGCCTCCACCACCACCTCCGCTGATGC

TCCTCTCCTCTCCTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR224091 representing NM\_001177606

Red=Cloning site Green=Tags(s)

MTSASTKVGEIFSAAGAAFTKLGELTMQLHPVSDSSPAGAQIKTTVKRKVYEDSGIPLPAESPKKGPKKM

TSGVLSPPNAPPPSSSSVPEAGVPPIKKQKADSLTLDSGLLTTSADAPLLSC

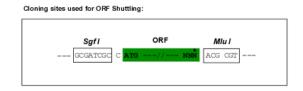
**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

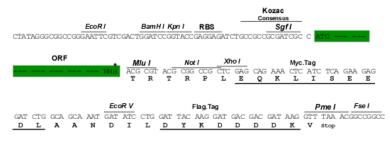
**Restriction Sites:** Sgfl-Mlul





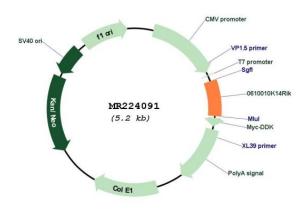
#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

#### Plasmid Map:



**ACCN:** NM\_001177606

ORF Size: 366 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info



# 0610010K14Rik (NM\_001177606) Mouse Tagged ORF Clone - MR224091

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001177606.1</u>, <u>NP 001171077.1</u>

RefSeq Size: 698 bp
RefSeq ORF: 369 bp
Locus ID: 104457
UniProt ID: Q9DCT6
Cytogenetics: 11 B3

**MW:** 12.8 kDa

**Gene Summary:** Component of chromatin complexes such as the MLL1/MLL and NURF complexes.

[UniProtKB/Swiss-Prot Function]